

Maryland CoastSmart Council

Monday, July 30, 2018



- **Welcome and Announcements**
- **SB 1006 (HB 1350): Sea Level Rise Inundation and Coastal Flooding – Construction, Adaptation and Mitigation**
 - Summary
 - *MD Senator Paul Pinsky and Delegate Dana Stein* will discuss the intent of this new legislation
- **Wrap-Up & Adjourn**

Sea Level Rise Inundation and Coastal Flooding- Construction, Adaptation and Mitigation

Senate Bill 1006/House Bill 1350
Maryland General Assembly 2018

Summary

- Part I: General Provisions
- Part II: Coast Smart Council
- Part III: Coast Smart Design & Siting Criteria
- Part IV: Saltwater Intrusion
- Part V: State Mitigation
- Part VI: Nuisance Flooding

Part I: General Provisions

This section defines words and phrases that are found in the following sections of the legislation

Maryland CoastSmart Council

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Part II: Coast Smart Council

- This section maintains a Coast Smart Council and provides staff support
- Provides oversight on the how members are appointed and and the length of term
- 3-1006 gives directives to the Council on how to proceed

Part III: CoastSmart Design and Siting Criteria

- Applies to State and Local Projects for which 50% of the project costs are funded with state funds
- Does not apply to a public work contract of less than \$500,000
- The Council shall establish Siting and Design Criteria to address SLR and Coastal flood impacts on State and local projects. DNR and MDOT to assist
- On July 1, 2019, if a state or local project includes the construction of a structure or highway facility, the structure or highway facility shall be constructed in compliance with siting and design criteria established in section C
- Constructed or reconstructed in a manner to withstand storm surge from Category 2 storm.

Part IV: Saltwater Intrusion

- On or before December 15, 2019, MDP in consultation with DNR, MDE, MDA, shall establish a plan to adapt to Saltwater Intrusion
- The Plan established will be updated every 5 years
- Saltwater intrusion means: the movement of water with a total suspended dissolved-solid concentration greater than or equal to 1,000mg/L to freshwater.....Includes saltwater intrusion into surface waters, aquifers, and soils

Part V: State Mitigation

- The Board of Public Works shall establish criteria to evaluate whether state funds may be used to mitigate hazards associated with Sea Level Rise Inundation and coastal flooding. In consultation with DNR, MDE & MEMA
- Criteria shall incorporate tools to assess the vulnerability of an area or structure to hazards associated with sea level rise and coastal flooding. This includes a tool to measure

Part VI: Nuisance Flooding

- On or before July 1, 2019 a local jurisdiction that experiences nuisance flooding shall develop a plan to address nuisance flooding
 - Nuisance flooding is high tide flooding that causes public inconvenience
- Plan will be updated every 5 years
- Publish on website and submit to MDP



MARYLAND COMMISSION
• on • **CLIMATE CHANGE**

Adaptation & Response Work Group

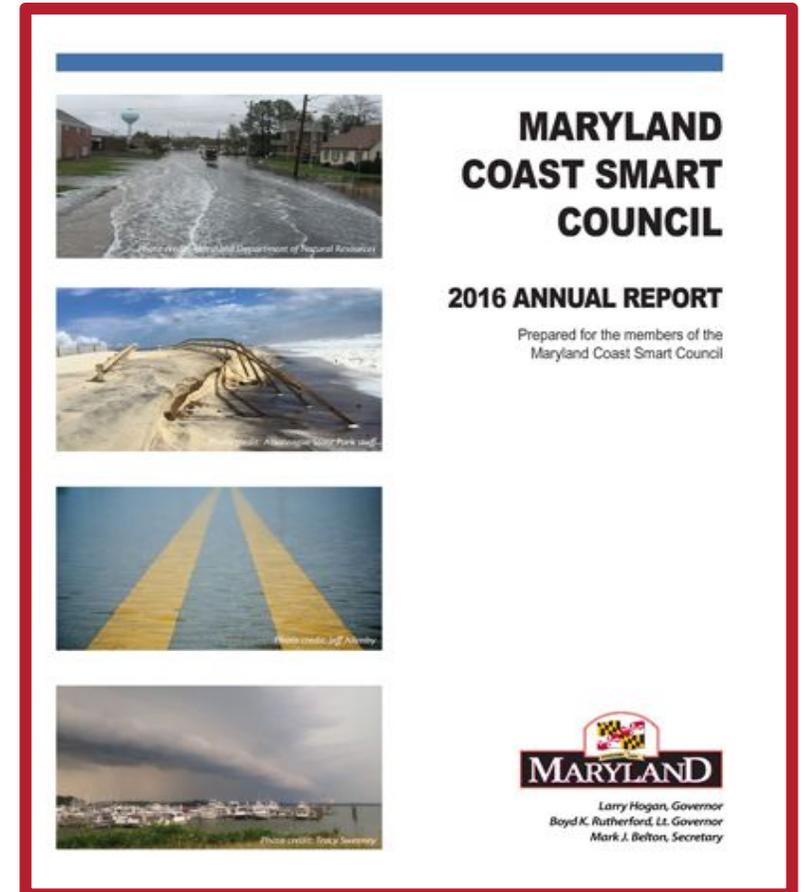
July 30, 2018



Part III.

Coast Smart Design & Siting Criteria

- Key Issues or Discussion Points
- Actions & Next Steps
- Workgroup Members/Issue-specific Experts



Part IV.

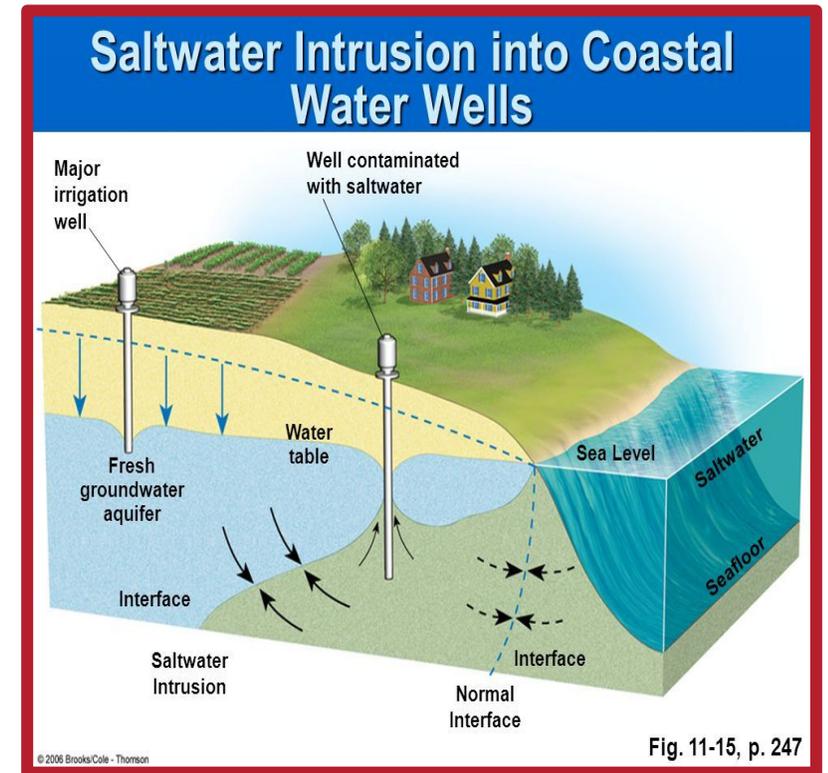
Saltwater Intrusion

Key Questions?

- What existing studies and data are available regarding the spatial extent (ideally three-dimensional) of current and potential saltwater intrusion (into surface water, soils and aquifers) in Maryland?
- What form should the saltwater intrusion plan look like (paper copy, website, app)?

Actions & Next Steps

Workgroup Members/Key Issue or Technical Experts?



Part V.

State Mitigation

Key Issues/Questions?

- Based on the morning discussion, where should we start in defining or addressing the mitigation portions?
- Thoughts on an initial “hazard” definition - what should the initial focus be?

Actions & Next Steps

Workgroup Members/Key Issue or Technical Experts?



Part VI.

Nuisance Flooding

Key Issues/Questions?

- An initial mapping screen is being conducted to identify which jurisdictions fall in the area per the legislation.
- What guidance or support could be provided to local jurisdictions?
- What could/should be included in the plan?

Actions & Next Steps

Workgroup Members/Key Issue or Technical Experts?



2018 Annual Report Recommendations

- Saltwater Intrusion
- Nuisance Flooding
- Public Health
- Climate Leadership Academy
- Strategic Planning for 2019 and beyond
- Other Topics?



2018 Annual Report Recommendations

Saltwater Intrusion



2018 Annual Report Recommendations

Nuisance Flooding



2018 Annual Report Recommendations

Public Health



2018 Annual Report Recommendations

Climate Leadership Academy & Regional Meetings



2018 Annual Report Recommendations

Phase III Watershed Implementation Plan



2018 Annual Report Recommendations

Strategic Planning 2019 and beyond



2018 Annual Report Recommendations

- Saltwater Intrusion
- Nuisance Flooding
- Public Health
- Climate Leadership Academy
- Strategic Planning for 2019 and beyond
- Other Topics?

**SIGN UP FOR AN
ACTION TEAM**



Next Meeting

Need for call in August?

December 3, 2018
2-4pm at DNR

